

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well  
Oil ☐ Gas ☐  
☒ Well ☐ Well ☐ Other

2. Name of Operator

Merrion Oil &amp; Gas Corporation (14634)

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

(505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

465' fsl & 1785' fel (sw se)  
Section 3, T20N, R6W

5. Lease Designation and Serial No.

NM-53926

6. If Indian, Allottee or Tribe Name

If Unit or CA, Agreement Designation

8. Well Name and No.

Corrales No. 1

9. API Well No.

30-031-20892

10. Field and Pool, or Exploratory Area

Pot Mesa Mesaverde

11. County or Parish, State

McKinley County,  
New Mexico

## 12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☒ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment Notice☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut-Off☐ Altering Casing☐ Conversion to Injection☐ Other \_\_\_\_\_☐ Dispose Water(Note: Report results of multiple completion on  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Merrion Oil & Gas proposes to plug and abandon the subject well according to the attached procedure. We are continuing study on the development of a productive Fruitland sand or coal in the area. If logs indicate that this formation will not produce hydrocarbons in paying quantities, we request that the Fruitland plug be deleted.

14. I hereby certify that the foregoing is true and correct

Signed

Title Engineer

Date 9/22/00

Connie S. Dinning

(This space for Federal or State office use)

Approved By

Title

Date 10/5/00

Conditions of approval, if any:

## PLUG & ABANDONMENT PROCEDURE

9/19/00

### **Corrales #1**

WC Mesaverde

465' FSL and 1785' FEL, Section 3, T-20-N, R-6-W

McKinley Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Merrion safety regulations. MOL and RU daylight pulling unit. NU relief line. Blow down well and kill with water as necessary.
2. POH and LD rods and pump. Hot oil tubing if necessary. ND wellhead and then NU BOP and test. TOH and tally 2-7/8" tubing (86 joints, total 2763'); visually inspect the tubing and if necessary LD tubing and PU workstring. Run a casing scraper or wireline gauge ring to 2150'.
3. **Plug #1 (Menefee perforations, 2146' – 2046')**: Set CIBP or cement retainer at 2146'. TIH with open ended tubing workstring and tag. Load casing with water and circulate clean. Pressure test casing to 500#, if casing does not test then spot or tag subsequent plugs as appropriate. Mix 17 sacks cement and spot inside the casing to isolate the Menefee perforations. Mesaverde and LaVentana tops. PUH to 1650'.
4. **Plug #2 (LaVentana top, 1650' – 1550')**: Mix 17 sxs cement and spot a balanced plug inside the casing to cover LaVentana top. PUH to 755'.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 755' – 440')**: Mix 42 sxs Class B cement and spot a balanced plug inside the casing to cover Pictured Cliffs and Fruitland tops. TOH and LD tubing.
6. **Plug #4 (Kirtland, Ojo Alamo and Surface casing shoe, 362' – Surface)**: Perforate 3 squeeze holes at 362'. Establish circulation out bradenhead valve. Mix and pump approximately 110 sxs Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors and restores location.

# Corrales #1

Current

WC Mesaverde

SE Section 3, T-20-N, R-6-W, McKinley County, NM

Today's Date: 9/19/00

Spud: 11/29/85

Completed: 1/26/86

Elevation: 6912' Gi  
6920' KB

Ojo Alamo @ 188'

Kirtland @ 312'

Fruitland @ 490'

Pictured Cliffs @ 705'

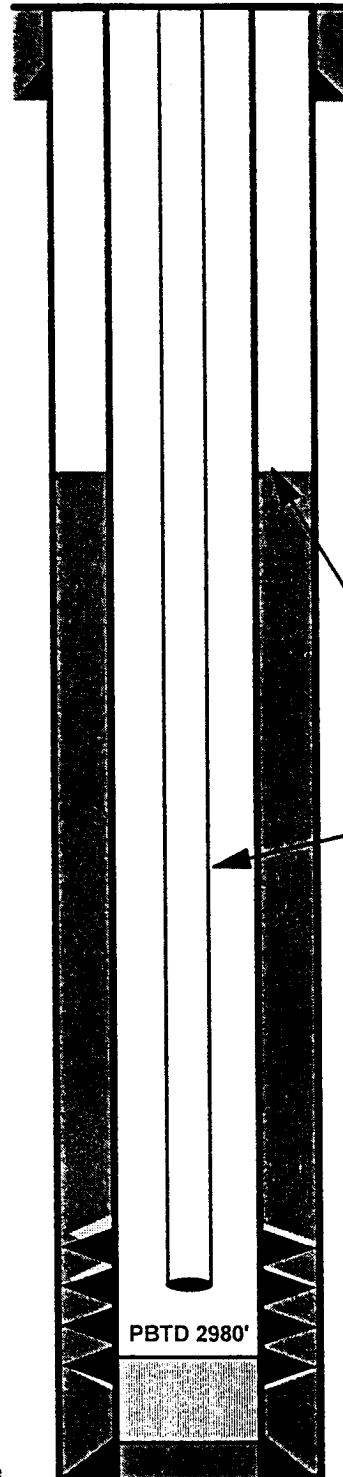
LaVentana @ 1600'

Mesaverde @ 1950'

Menefee @ 2088'

12-1/4" hole

7-7/8" hole



8-5/8" 23# J-55 Casing set @ 108'  
Cmtd with 95 cf (Circulated to Surface)

## Well History

Mar '86: Pull tubing and swab test lowest perms; squeezed lowest perms with 25 sxs; set CIBP at 2450'; frac upper perms.

Apr '86: Pull tubing, bail out sand.

Jan '90: Pull tubing, CO fill and drill out CIBP at 2450'; new PBTB at 2980'.

Oct '90 through Nov '97: Multiple rod jobs, pump change outs and replace joints of tubing with holes.

Top of cement @ 497', Calc 75%

2-7/8" Tubing set at 2763'  
(86 joints with rods and pump)

Menefee Perforations:  
2196' - 3157'

Lower perms squeezed w/25 sxs;  
with a CIBP set @ 2450' in 1986,  
then drilled out in 1990.

5-1/2" 14#, J-55 Casing set @ 3197'  
Cmt with 624 cf (380 sxs)

TD 3223'